

10/537,626

## EAST Search History

Interference

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(optical near delay near line) and (rotat\$ near mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:45
		(helical near mirror0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:17
L1	0	(optuical near delay near line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:44
L2	1840	(optical near delay near line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:44
L3	840	(optical near delay near line) and mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:45
L4	2	(optical near delay near line) and mirror and evolute	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:46
L5	32	(optical near delay near line) and (mirror near curved)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:57
L6	10	(optical near delay near line) and (385/25.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:59

## EAST Search History

L7	22	(optic\$ near delay) and (movable near mirror) and beamsplitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 14:00
S1	115	(spiral\$ near mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:00
S2	0	(evolute near circle near mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:01
S3	7	(mirror near delay) and retro-reflect\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:04
S4	707	(curve\$ near mirror) and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:04
S5	2	(curve\$ near mirror) and delay and evolute\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:06
S6	23	delay and evolute\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:08
S7	2	"4830479".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:10

## EAST Search History

S8	2	"5007721".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:11
S9	2	"5264971".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:15
S10	0	(helical near mirror near delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:17
S11	56	(helical near mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:28
S12	142	(385/15,14,16,17,24,31,129,130,146,39.ccls.) and (curved near mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:29
S13	37	(385/15,14,16,17,24,31,129,130,146,39.ccls.) and (curved near mirror) and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:31
S14	0	(398/53.ccls.) and (curved near mirror) and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 11:32
S15	9	(359/868,872,869,863.ccls.) and (curved near mirror) and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:43



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Bib Data Sheet

CONFIRMATION NO. 5469

<b>SERIAL NUMBER</b> 10/537,626	<b>FILING OR 371(c) DATE</b> 09/07/2006 <b>RULE</b>	<b>CLASS</b> 385	<b>GROUP ART UNIT</b> 2883	<b>ATTORNEY DOCKET NO.</b> RPI-138US	
<b>APPLICANTS</b> Jingzhou Xu, Troy, NY; Xi-Cheng Zhang, Melrose, NY;					
<b>** CONTINUING DATA *****</b> This application is a 371 of PCT/US05/07500 03/08/2005 which claims benefit of 60/551,459 03/09/2004 and claims benefit of 60/567,991 05/04/2004 and claims benefit of 60/606,071 08/31/2004					
<b>** FOREIGN APPLICATIONS *****</b>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **</b> ** 09/29/2006					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged <u>6/11/06</u> Examiner's Signature Initials		<b>STATE OR COUNTRY</b> NY	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 28	<b>INDEPENDENT CLAIMS</b> 5
<b>ADDRESS</b> 23122					
<b>TITLE</b> High repetition rate, linear, true time optical delay line					
<b>FILING FEE RECEIVED</b> 765	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

10/537,626

PALM INVENTOR

PALM INTRANET

SEARCH

Day : Friday  
Date: 4/20/2007

Time: 19:50:14

**Inventor Name Search Result**

Your Search was:

Last Name = XU

First Name = JINGZHOU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10434329</a>	<a href="#">6977379</a>	150	05/08/2003	T-RAY MICROSCOPE	XU, JINGZHOU
<a href="#">10537626</a>	Not Issued	30	09/07/2006	High repetition rate, linear, true time optical delay line	XU, JINGZHOU
<a href="#">10828654</a>	<a href="#">7091506</a>	150	04/21/2004	SEMICONDUCTOR SURFACE-FIELD EMITTER FOR T-RAY GENERATION	XU, JINGZHOU
<a href="#">11086623</a>	Not Issued	83	03/22/2005	GaSe crystals for broadband terahertz wave detection	XU, JINGZHOU
<a href="#">11121385</a>	Not Issued	93	05/04/2005	FIELD INDUCED THZ WAVE EMISSION MICROSCOPE	XU, JINGZHOU
<a href="#">11733613</a>	Not Issued	19	01/01/0001	METHOD AND SYSTEM FOR IMAGING AN OBJECT USING MULTIPLE DISTINGUISHABLE ELECTROMAGNETIC WAVES TRANSMITTED BY A SOURCE ARRAY	XU, JINGZHOU
<a href="#">60464176</a>	Not Issued	159	04/21/2003	Optimal design of semiconductor surface-fiel emitter for T-ray generation	XU, JINGZHOU
<a href="#">60551459</a>	Not Issued	159	03/09/2004	High repetition rate, linear, true time optical delay line	XU, JINGZHOU
<a href="#">60567990</a>	Not Issued	159	05/04/2004	Field induced THz wave emission microscope	XU, JINGZHOU
<a href="#">60567991</a>	Not Issued	159	05/04/2004	Involute time delay stage	XU, JINGZHOU
<a href="#">60606071</a>	Not Issued	159	08/31/2004	Compact circular involute optical delay line	XU, JINGZHOU
<a href="#">60884449</a>	Not Issued	20	01/11/2007	Swappable THz emitter mount assembly	XU, JINGZHOU
<a href="#">60886666</a>	Not Issued	20	01/26/2007	TERAHERTZ WAVE RECIPROCAL IMAGING	XU, JINGZHOU

## Inventor Search Completed: No Records to Display.

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<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="xu"/>	<input type="text" value="jingzhou"/>	

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Date: 4/20/2007


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Time: 19:51:11

**Inventor Name Search Result**

Your Search was:

Last Name = ZHANG

First Name = XI-CHENG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">07664798</a>	Not Issued	161	03/05/1991	SOURCE OF DIRECTIONAL ELECTROMAGNETIC RADIATION	ZHANG, XI-CHENG
<a href="#">07846831</a>	Not Issued	166	03/06/1992	MICROWAVE RADIATION SOURCE	ZHANG, XI-CHENG
<a href="#">08144724</a>	<a href="#">5420595</a>	150	10/28/1993	MICROWAVE RADIATION SOURCE	ZHANG, XI-CHENG
<a href="#">08739099</a>	<a href="#">5952818</a>	150	10/25/1996	--ELECTRO-OPTICAL SENSING APPARATUS AND METHOD FOR CHARACTERIZING FREE-SPACE ELECTROMAGNETIC RADIATION--	ZHANG, XI-CHENG
<a href="#">08859478</a>	Not Issued	169	05/20/1997	ELECTRO-OPTICAL AND MAGNETO-OPTICAL SENSING APPARATUS AND METHOD FOR CHARACTERIZING FREE-SPACE ELECTROMAGNETIC RADIATION	ZHANG, XI-CHENG
<a href="#">08920561</a>	<a href="#">6111416</a>	150	08/29/1997	ELECRO-OPTICAL AND MAGNETO-OPTICAL SENSING APPARATUS AND METHOD FOR CHARACTERIZING FREE-SPACE ELECTROMAGNETIC RADIATION	ZHANG, XI-CHENG
<a href="#">09333596</a>	<a href="#">6057928</a>	150	06/15/1999	FREE-SPACE TIME-DOMAIN METHOD FOR MEASURING THIN FILM DIELECTRIC PROPERTIES	ZHANG, XI-CHENG
<a href="#">09563668</a>	Not Issued	161	05/02/2000	Free -space, time-domain method for measuring thin film dielectric properties	ZHANG, XI-CHENG
<a href="#">09617242</a>	<a href="#">6414473</a>	150	07/14/2000	ELECTRO-OPTIC/MAGNETO-OPTIC MEASUREMENT OF ELECTROMAGNETIC	ZHANG, XI-CHENG

				RADIATION USING CHIRPED OPTICAL PULSE	
<u>09754183</u>	<u>6556306</u>	150	01/04/2001	DIFFERENTIAL TIME DOMAIN SPECTROSCOPY METHOD FOR MEASURING THIN FILM DIELECTRIC PROPERTIES	ZHANG, XI-CHENG
<u>09826457</u>	<u>6690001</u>	150	04/05/2001	THZ PULSE MEASUREMENT WITH AN OPTICAL STREAK CAMERA	ZHANG, XI-CHENG
<u>10056866</u>	<u>6734974</u>	150	01/25/2002	TERAHERTZ IMAGING WITH DYNAMIC APERTURE	ZHANG, XI-CHENG
<u>10074937</u>	<u>6782154</u>	150	02/12/2002	ULTRAFAST ALL-OPTICAL SWITCH USING CARBON NANOTUBE POLYMER COMPOSITES	ZHANG, XI-CHENG
<u>10164454</u>	<u>6573700</u>	150	06/06/2002	METHOD OF CHARACTERIZING FREE-SPACE RADIATION USING A CHIRPED OPTICAL PULSE	ZHANG, XI-CHENG
<u>10417597</u>	<u>7087902</u>	150	04/17/2003	FRESNEL LENS TOMOGRAPHIC IMAGING	ZHANG, XI-CHENG
<u>10434329</u>	<u>6977379</u>	150	05/08/2003	T-RAY MICROSCOPE	ZHANG, XI-CHENG
<u>10515607</u>	Not Issued	41	11/23/2004	Detection of biospecific interactions using amplified differential time domain spectroscopy signal	ZHANG, XI-CHENG
<u>10537626</u>	Not Issued	30	09/07/2006	High repetition rate, linear, true time optical delay line	ZHANG, XI-CHENG
<u>10828654</u>	<u>7091506</u>	150	04/21/2004	SEMICONDUCTOR SURFACE-FIELD EMITTER FOR T-RAY GENERATION	ZHANG, XI-CHENG
<u>10843899</u>	<u>7129491</u>	150	05/12/2004	DIFFRACTION MODE TERAHERTZ TOMOGRAPHY	ZHANG, XI-CHENG
<u>10844105</u>	<u>7119339</u>	150	05/12/2004	TRANSMISSION MODE TERAHERTZ COMPUTED TOMOGRAPHY	ZHANG, XI-CHENG
<u>11086623</u>	Not Issued	83	03/22/2005	GaSe crystals for broadband terahertz wave detection	ZHANG, XI-CHENG
<u>11121385</u>	Not Issued	93	05/04/2005	FIELD INDUCED THZ WAVE EMISSION MICROSCOPE	ZHANG, XI-CHENG
<u>11610824</u>	Not Issued	20	12/14/2006	METHOD OF ANALYZING A REMOTELY-LOCATED OBJECT UTILIZING AN OPTICAL TECHNIQUE TO DETECT	ZHANG, XI-CHENG

				TERAHERTZ RADIATION	
<a href="#">11733613</a>	Not Issued	19	01/01/0001	METHOD AND SYSTEM FOR IMAGING AN OBJECT USING MULTIPLE DISTINGUISHABLE ELECTROMAGNETIC WAVES TRANSMITTED BY A SOURCE ARRAY	ZHANG, XI-CHENG
<a href="#">60018844</a>	Not Issued	159	05/31/1996	ELECTRO-OPTICAL SENSING APPARATUS AND METHOD FOR CHARACTERIZING FREE-SPACE ELECTROMAGNETIC RADIATION	ZHANG, XI-CHENG
<a href="#">60195555</a>	Not Issued	159	04/06/2000	Pulse measurement with an optical streak camera	ZHANG, XI-CHENG
<a href="#">60263722</a>	Not Issued	159	01/25/2001	Near-field terahertz imaging with a dynamic aperture	ZHANG, XI-CHENG
<a href="#">60267999</a>	Not Issued	159	02/12/2001	Ultrafast all-optical switch using single-walled carbon nanotube polymer composites	ZHANG, XI-CHENG
<a href="#">60374199</a>	Not Issued	159	04/19/2002	Tomographic imaging with a Fresnel lens	ZHANG, XI-CHENG
<a href="#">60379427</a>	Not Issued	159	05/10/2002	Fresnel lens tomographic imaging	ZHANG, XI-CHENG
<a href="#">60379569</a>	Not Issued	159	05/10/2002	T-ray microscope	ZHANG, XI-CHENG
<a href="#">60380540</a>	Not Issued	159	05/14/2002	T-ray diffraction tomography	ZHANG, XI-CHENG
<a href="#">60382761</a>	Not Issued	159	05/23/2002	Detection of biospecific interactions using amplified (DTDS-THz) signal	ZHANG, XI-CHENG
<a href="#">60551459</a>	Not Issued	159	03/09/2004	High repetition rate, linear, true time optical delay line	ZHANG, XI-CHENG
<a href="#">60567990</a>	Not Issued	159	05/04/2004	Field induced THz wave emission microscope	ZHANG, XI-CHENG
<a href="#">60567991</a>	Not Issued	159	05/04/2004	Involute time delay stage	ZHANG, XI-CHENG
<a href="#">60606071</a>	Not Issued	159	08/31/2004	Compact circular involute optical delay line	ZHANG, XI-CHENG
<a href="#">60754096</a>	Not Issued	159	12/27/2005	Using the air as a THz emitter and sensor	ZHANG, XI-CHENG
<a href="#">60868140</a>	Not Issued	20	12/01/2006	ENHANCEMENT OF THz WAVE GENERATION FROM LASER INDUCED PLASMA	ZHANG, XI-CHENG
<a href="#">60868148</a>	Not	20	12/01/2006	THz WAVE AMPLIFICATION IN	ZHANG, XI-

	Issued			LASER-INDUCED AIR PLASMA	CHENG
<a href="#">60884428</a>	Not Issued	20	01/11/2007	Method for auto-balance in free-space electro-optic detection of THz waves	ZHANG, XI-CHENG
<a href="#">60884443</a>	Not Issued	20	01/11/2007	Miniature THz time-domain system	ZHANG, XI-CHENG
<a href="#">60884446</a>	Not Issued	20	01/11/2007	Pellet sample holder for static and dynamic THz spectroscopy	ZHANG, XI-CHENG
<a href="#">60884449</a>	Not Issued	20	01/11/2007	Swappable THz emitter mount assembly	ZHANG, XI-CHENG
<a href="#">60886666</a>	Not Issued	20	01/26/2007	TERAHERTZ WAVE RECIPROCAL IMAGING	ZHANG, XI-CHENG
<a href="#">60891438</a>	Not Issued	20	02/23/2007	METHOD AND SYSTEM FOR PLASMA-INDUCED TERAHERTZ SPECTROSCOPY	ZHANG, XI-CHENG

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